

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	375/229-236.ccls. and (equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (depth near3 decod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:38
L2	3	(equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (depth near3 decod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:37
L3	3	(equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (depth near3 length))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:42
L4	2	(375/229-236.ccls. or 375/265.ccls.) and (equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (depth near3 decod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 15:45
L5	9	((equaliz\$4 and ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) and (decod\$4 near3 length))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:42
L6	4	((equaliz\$4 and ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) and (decod\$4 near3 depth))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:42
L7	38	(equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (decod\$4 near3 length))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:43
L8	372	(equaliz\$4 same ((decod\$4 or Trellis) with (depth or length or state)) same ((error or difference) with threshold or limit or predetermined or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:50
L9	148	(equaliz\$4 same ((decod\$4 or Trellis) with (depth or length or state)) same ((error or difference) with threshold or limit or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:50

## EAST Search History

L10	85	(equaliz\$4 same ((decod\$4 or Trellis) with (depth or length or state)) with ((error or difference) with threshold or limit or predetermined))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:51
L11	21	equaliz\$4 same (((decod\$4 or Trellis) with (depth or length or state)) with ((error or difference) with (threshold or limit or predetermined))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:52
L12	2	(375/229-236.ccls. or 375/265.ccls. or 375/35.ccls.) and (equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (depth near3 decod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 15:45
L13	2	(375/229-236.ccls. or 375/265.ccls. or 375/350.ccls.) and (equaliz\$4 same ((error or difference)) and ((error or difference) with (threshold or limit or value or predetermined)) same (depth near3 decod\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 15:45
S1	5	(Chang.in. or Jeong.in. or Kwon.in.) and (equaliz\$4 same Trellis same ghost)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 16:50
S2	349	(375/229-236.ccls. or 375/346-350.ccls.) and (equaliz\$4 same Trellis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/14 14:03
S3	175	S2 and ((feedback or (feed adj1 back) or (fed\$4 adj1 back)) same Trellis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/14 14:34
S4	17	S2 and (control\$4 near4 Trellis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/14 14:41
S5	2	(equaliz\$4 same ((decod\$4 or Trellis) near2 (depth or length)) same ((error or difference) with threshold or limit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 17:47
S6	147	(equaliz\$4 same ((decod\$4 or Trellis) near3 (depth or length or state)) same ((error or difference) with threshold or limit or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/14 15:36

## EAST Search History

S7	115	S6 not S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/14 14:43
S8	2	("20040105507").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/15 13:18
S9	1	S8 and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/15 13:18
S10	1	S8 and (phase and demodulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/15 13:19
S11	1	"7006566".pn. and (phase and demodulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/15 17:07
S12	29	(Trellis with ((feedback or (feed adj1 back)) adj2 (filter or equalizer or circuit or unit))) same ((error or difference) near4 equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 17:44
S13	0	(Trellis with ((feedback or (feed adj1 back)) adj2 (filter or equalizer or circuit or unit))) same ((error or difference) with (threshold or limit) with equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 17:15
S14	2	(Trellis with ((feedback or (feed adj1 back)) adj2 (filter or equalizer or circuit or unit))) same ((error or difference) with (threshold or limit) with equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 17:16
S15	8	(Trellis same ((feedback or (feed adj1 back)) adj2 (filter or equalizer or circuit or unit)) same (depth or memory)) same ((error or difference) near4 equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/15 17:33
S16	115	(375/265.ccls. or 714/192.ccls.) and ((equaliz\$4 or filter\$4) same (depth or lenght or state))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 16:56
S17	139	(375/265.ccls. or 714/192.ccls.) and ((equaliz\$4 or filter\$4) same (depth or length or state))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 16:56

## EAST Search History

S18	120	S17 and (Trellis same (depth or length or state))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 16:57
S19	44	(Trellis same ((feedback or (feed adj1 back)) adj2 (filter or equalizer or circuit or unit))) same ((error or difference) near4 equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 17:45
S20	29	(Trellis with ((feedback or (feed adj1 back)) adj2 (filter or equalizer or circuit or unit))) same ((error or difference) near4 equaliz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:34
S21	15	S19 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 17:45
S22	25	(equaliz\$4 same ((decod\$4 or Trellis) with (depth or length or state)) same ((error or difference) with threshold or limit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/12 14:49
S23	123	(control\$4 with Trellis) same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 18:06